S47-1

TFM-1000W

Specifications

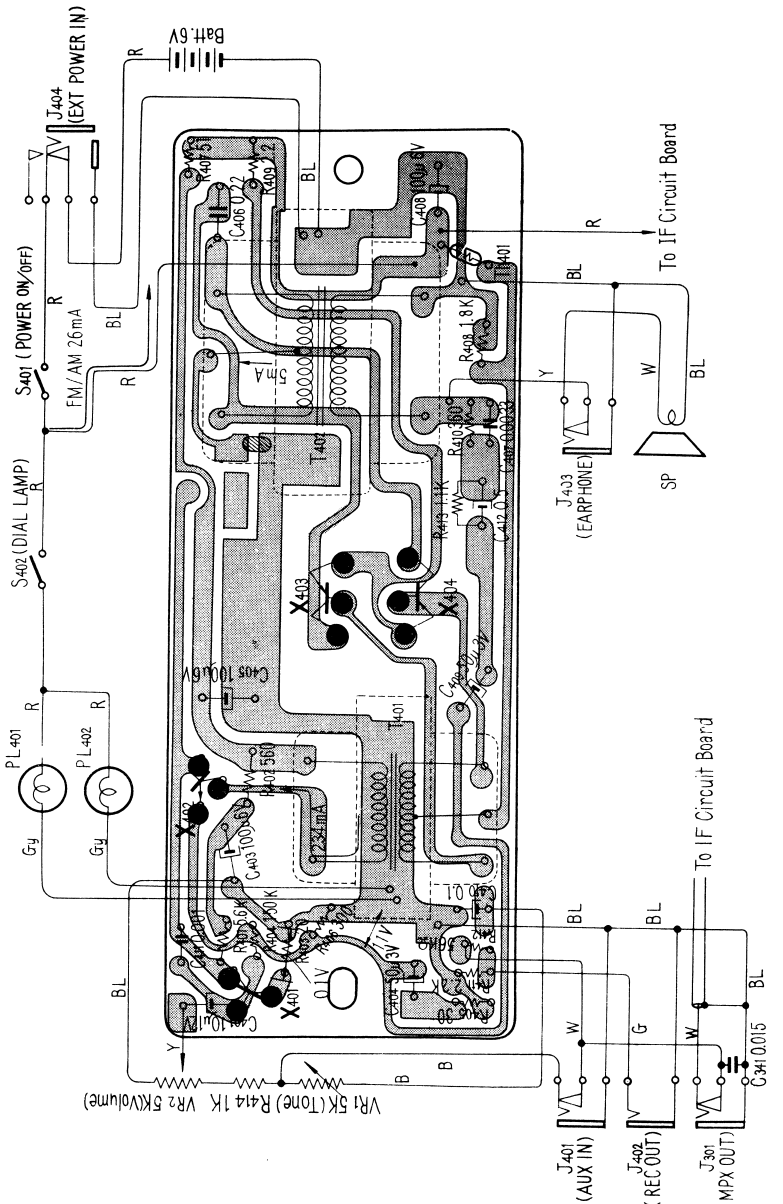
Circuit:	14 Transistor Superheterodyne
Frequency Coverage:	FM 86.5~108 Mc (3.53~2.73 m)
	MW 530~1,605 Kc (566~187 m)
	SW_1 1.6~4.5 Mc (187.5~66.5 m)
	SW_2 4.7~12 Mc (63.8~25 m)
Antenna System:	FM/SW Built-in Telescopic Antenna
	MW Built-in Ferrite Bar Antenna
	Jack for Wire Antenna
Intermediate Frequency:	FM 10.7 Mc, AM 455 Kc
Maximum Sensitivity:	FM 0.95μV, MW 27μV/m
(at 10 mW output)	SW_1 1.8μV, SW_2 1.6μV
Selectivity:	31 dB at 10 Kc off resonance, at 1,400 Kc
Output Power:	820 mW (undistorted)
	1.3 W (maximum)
Current Drain:	26 mA (FM/AM) at zero signal, 250 mA at 820 mW output
Speaker:	10×15 cm (4″×6″) PM dynamic, 8Ω
Power Source:	Four "D" Size Flashlight Batteries, 6V in total
	or House Current by using SONY AC Power Adaptor
Dimensions:	218(H)×264(W)×103(D) mm
	(8-9/16×10-3/8×4-1/16″)
Weight:	2.54 Kgs. (5.6 lbs) with Batteries

Sony TFM-1000W

Mounting Diagram

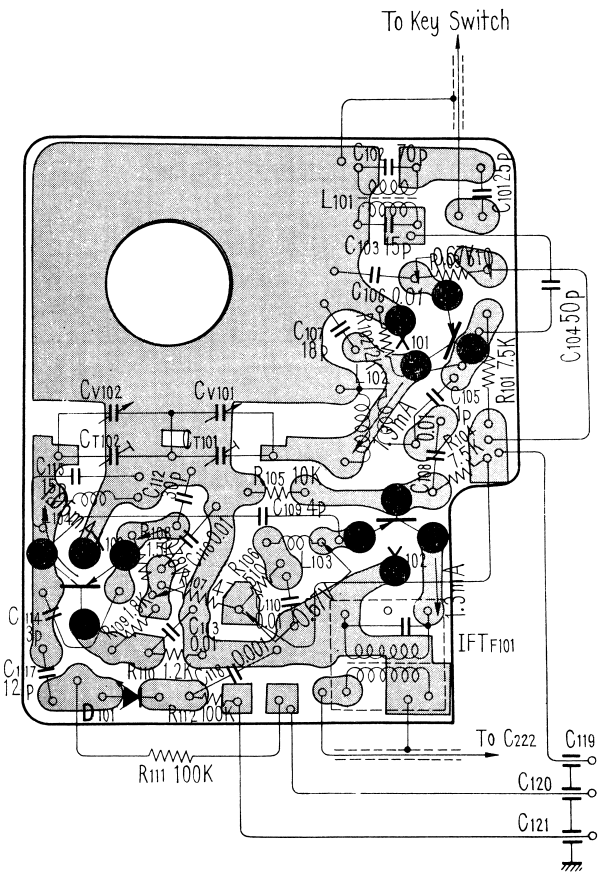
AF Section (AF.1A)

—Printed Side—



FM Tuner Section

—Printed Side—

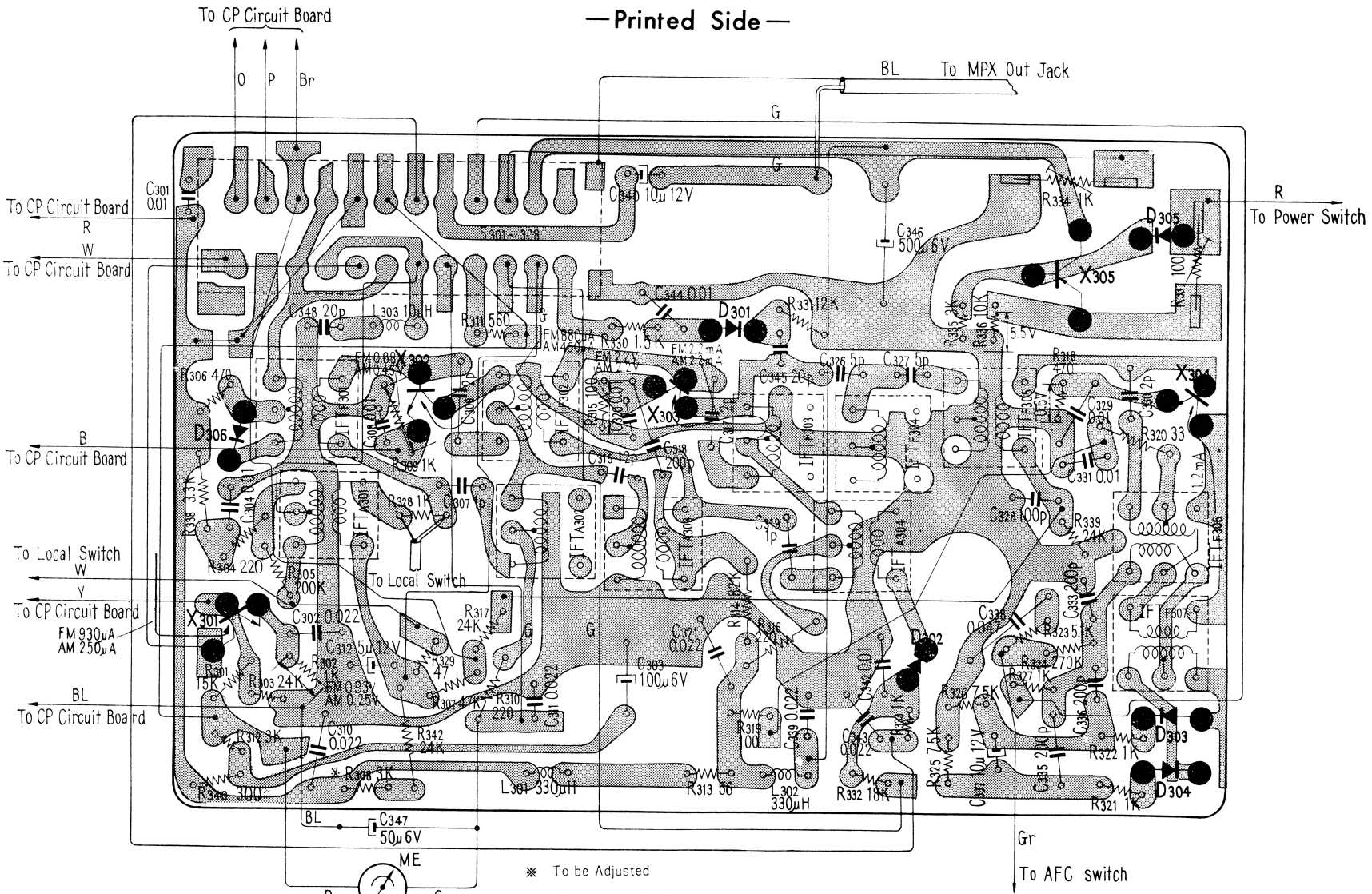


S47-1 Sony TFM-1000W

Mounting Diagram

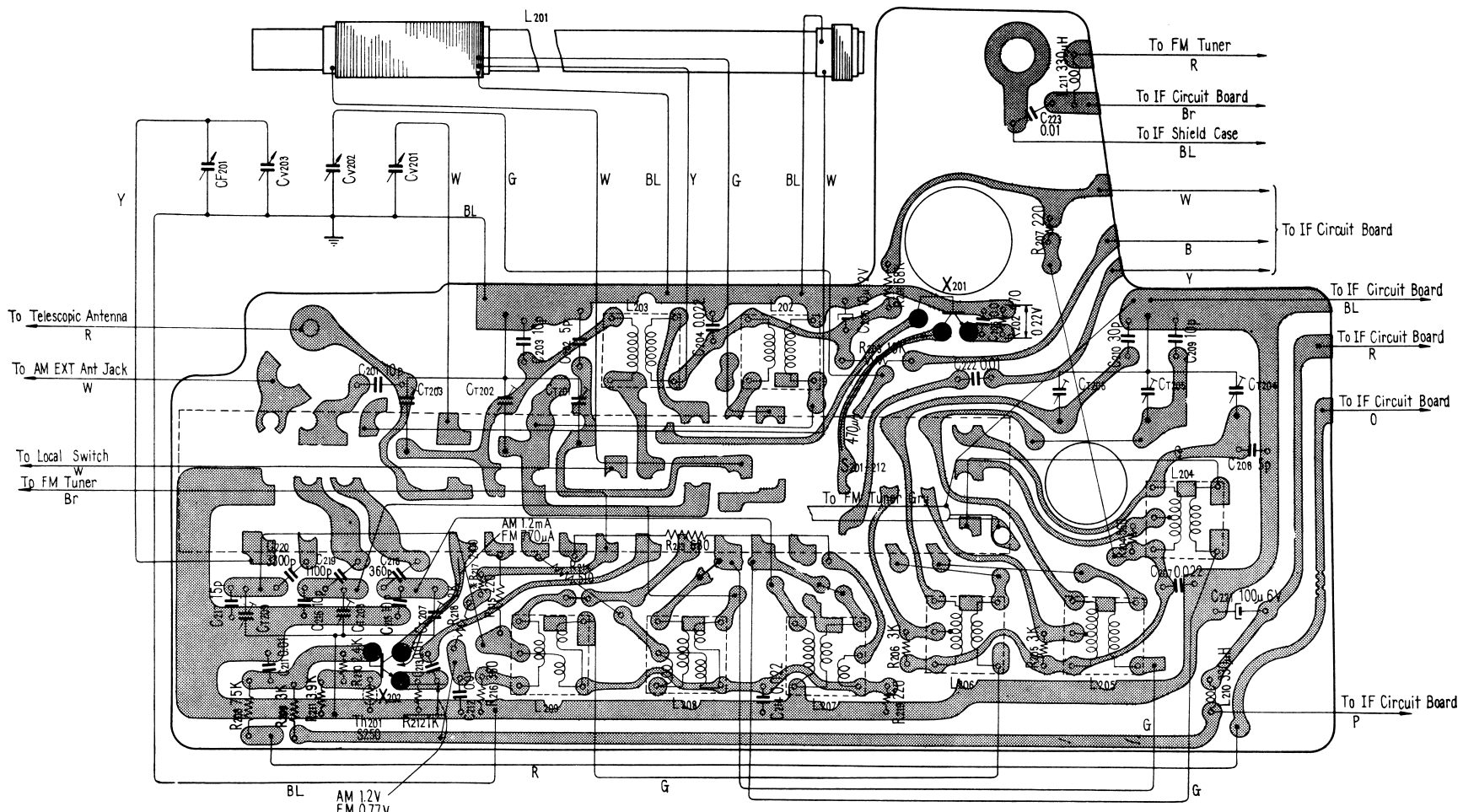
IF Section

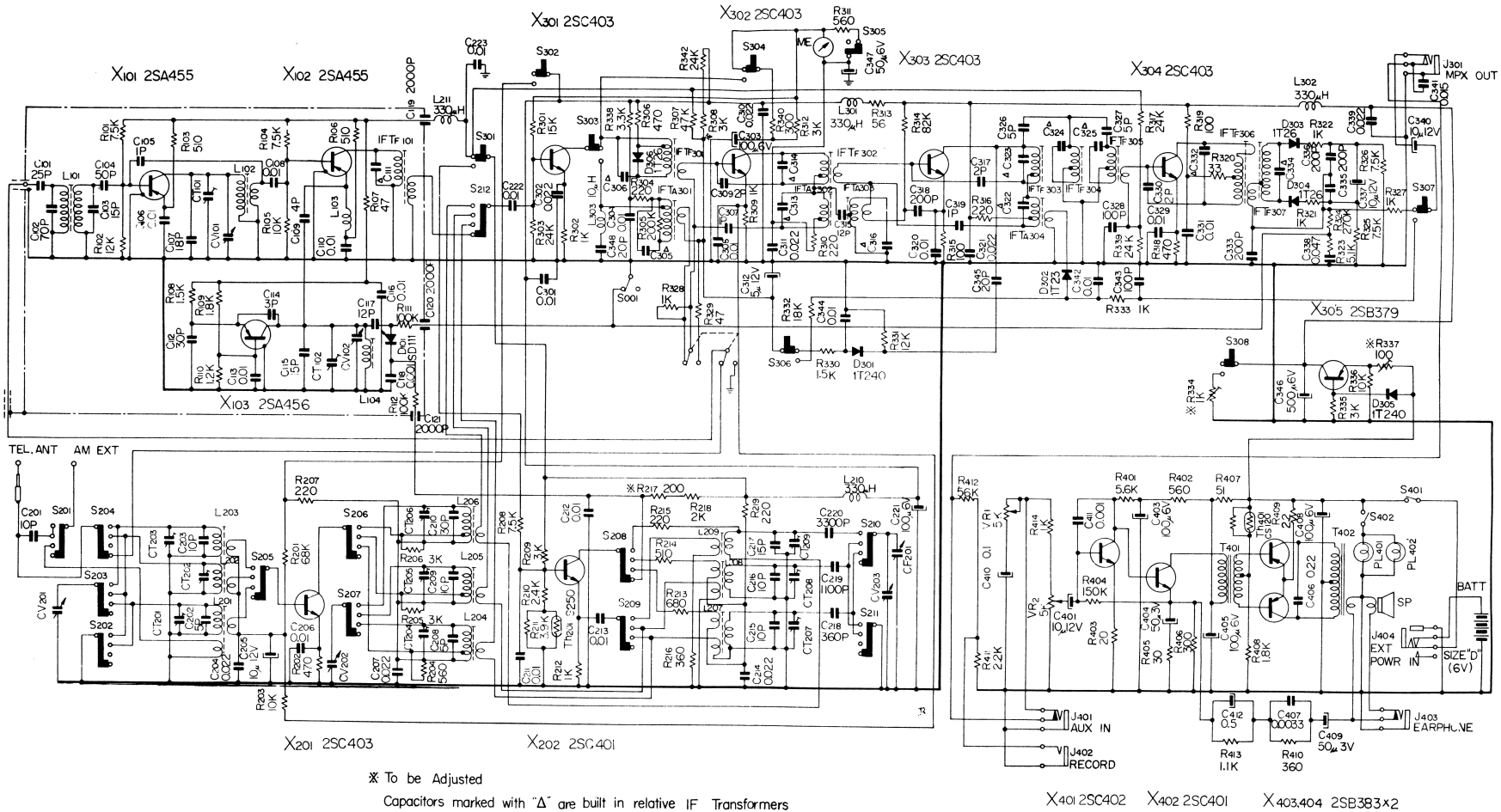
—Printed Side—

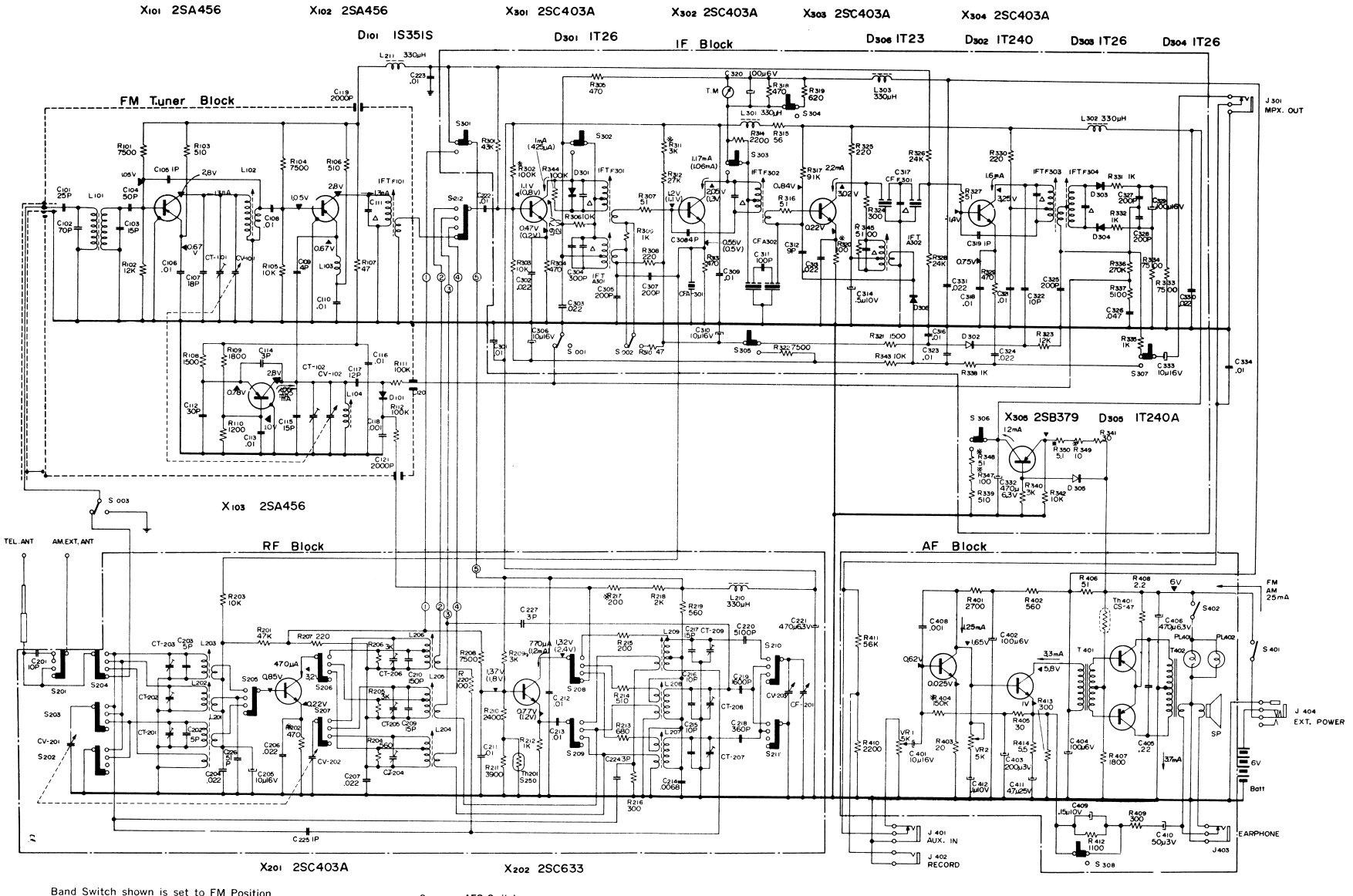


Mounting Diagram

AM Coil Pack Section
—Printed Side—




X101 2SA455
X102 2SA455
X103 2SA456
X301 2SC403
X302 2SC403
X303 2SC403
X304 2SC403
X305 2SB379
X201 2SC403
X202 2SC401
X401 2SC402
X402 2SC401
X403,404 2SB383×2
J301 MPX OUT
J401 AUX IN
J402 RECORD
J403 EARPHONE
J404 EXT POWR IN
SIZE"D" (6V)
BATT
SP
TEL. ANT
AM EXT
※ To be Adjusted
Capacitors marked with "Δ" are built in relative IF Transformers



Band Switch shown is set to FM Position.

Voltage or Current in ( ) is at AM Setting of Band Switch.

* : Resistance Value to be Selected.

△ : Built-in IFT

$PL_{401,\ 402}$: Pilot Lamp

T.M : Tuning Meter

S_{001} : AFC Switch

S_{002} : AM DX/Local Switch

S_{003} : FM DX/Local Switch

$S_{201-212}$: Band Setting Switch

$S_{301-308}$: FM/AM Selecting Switch

S_{401} : Power Switch

S_{402} : Lamp Switch